PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5649-1203 DATE: November 13, 2003

UTILITY PATENT APPLICATION TRANSMITTAL LETTER AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))

03945 U.S. PTO 10/706891

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:
Transmitted herewith for filing under 37 CFR § 1.53(b) is:
Inventor(s) or Application Identifier:
Dong-Yang Lee; Gyeonggi-do, Republic of Korea
Entitled: SEMICONDUCTOR MEMORY DEVICES WITH DELAYED AUTO-PRECHARGE FUNCTION AND ASSOCIATED METHODS OF AUTO-PRECHARGING SEMICONDUCTOR MEMORY DEVICES
Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401 Customer No. 20792 Enclosed are:
 Application Transmittal Letter and Fee Transmittal Form (A duplicate is enclosed for fee processing) 19 pages of Specification (including 24 claims) 7 sheet of Formal Drawings (35 USC 113) Oath or Declaration a.
6. Incorporation By Reference (useable if box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. Microfiche Computer Program (Appendix)
8. Assignment papers (cover sheet(s) and document(s))
9. Applicant claims small entity status. See 37 CFR § 1.27.
10. Information Disclosure Statement, PTO-1449, and references cited
11. Preliminary Amendment (Please enter all claim amendments prior to calculating the filing fee.)
12. English Translation Document
13. Certified Copy of Korean Application No. 2002-81787 Filed December 20, 2002
14. Sequence Listing/ Sequence Listing Diskette
a. Computer readable copy
b. paper copy
c. statement in support
15. An Associate Power of Attorney
16. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. Other:
The fee has been calculated as shown below:

	Column 1	Column 2	Small Entity		Large Entity	
	No. Filed	No. Extra	Rate	Fee	Rate	Fee
BASIC FEE			\$375.00		\$ 770.00	
TOTAL CLAIMS	24 - 20 =	4	x 09 = \$ x 18 = \$72.00		.00	
INDEP CLAIMS	6 - 3 =	3	x 44 = \$		x 86 = \$258.00	
MULTIPLE Dependent Claims Presented			+ 140 = \$ + 280 = \$			
If the difference in Col. 1 i	Total \$		Total \$1,100.00			

A check in the amount of \$ to cover the filing fee is enclosed.
A check in the amount of \$1,100.00 is enclosed to cover the filing fee and a check in the amount of
\$40.00 to cover the Assignment Recordation fee is enclosed.
Please charge my Deposit Account No. 50-0220 in the amount of \$
The Commissioner is hereby authorized to credit overpayments or charge the following fees
associated with this communication to Deposit Account No. 50-0220:
a. Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
b. Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

D. Randal Ayers

Registration No. 40,493

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 353593167 Date of Deposit: November 13, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT

APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Michele P. McMahan